

Graduate Certificates



Engineering Graduate Certificates

Data and Communications Technology

- IP Telephony Systems
- Broadband Wireless Systems
- Computer Systems Engineering
- Data Analytics Engineering
- Blockchain and Smart Contract Engineering

Energy

- Energy Systems
- Energy Systems Management
- Renewable Energy
- Sustainable Energy Systems

Engineering Management, Business, Leadership

- Gordon Engineering Leadership**
- Engineering Economic Decision Making
- Engineering Management
- Technology Systems Management

Supply Chain and Process Management

- Lean Six Sigma
- Supply Chain Engineering
- Process Safety Engineering

** Separate Competitive Application

Why complete a GSE Certificate?

- Focus your academic experience with *synergistic courses*
- Build specific knowledge and skills *aligned with industry* needs
- Complete coursework *as part of* your engineering degree—stacked credentialing
- Receive *official recognition* on university transcript
- Advance your career by *marketing certificate focus*

Planning for Graduate Certificates

- Graduate certificate may be combined with any GSE program—Stacked credentialing
- Certificate coursework may be applied towards a GSE degree—
Double count up to 2 or 4 courses depending on degree program
<http://catalog.northeastern.edu/graduate/engineering/graduate-certificate-programs/>
- GSE certificate requires four courses (16 SH)
- Grad cert must be completed while working on your GSE degree program; Very careful planning is needed if you are in your 3rd semester
- Online, hybrid and evening classes available
- Seek input from program advisor or certificate director about certificate aligned with career goals

Degree and Certificate

Completion of Certificate

- Certificate **MUST** be completed during or before completion of your grad degree
- No Visa extensions for certificate program

OPT

- OPT is based on degree program (this is a better option)

Applying Certificate Coursework towards a GSE Degree

Course Eligibility

- GSE degree must allow the certificate program

Double Counting

- Departmental Programs
allows **up to 2** eligible certificate courses (Except ChE, IE, ME general concentration, OR, allows up to 4)
- Multidisciplinary Programs (EM, ES, TSM, IS & CSYE)
allows **up to 4** eligible certificate courses

Triple counting of courses is not allowed

Example—How Certs Work with GSE Degrees

MSEM Degree Program

32 Semester Hours Total

Required

Engineering Project Management
Economic Decision Making
Engineering Probability and Statistics
Deterministic Operations Research

Electives

Lean Concepts and Applications
Statistical Methods in Engineering
Statistical Quality Control
Engineering Organizational Psychology

GSE Degree (32 SH) + GSE Certificate (16 SH)

Total Semester Hours* = 32

* Number of double-counting courses vary by degree program and program alignment

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What's Next?

Admissions

- GSE Degree Seeking need to be in good academic standing
- Apply from certificate pages
<http://www.coe.neu.edu/degrees/certificates>
- No application fee for current students
- Need to apply before your last semester in the degree program

FAQs

<https://husky.desk.com/customer/en/portal/topics/940249-graduate-certificates/articles>

Certificate Seeking Students

Next Steps

Explore our [degree programs](#).

Review the specific Degree Requirements to see courses needed to complete your degree ("Detailed Degree Requirements" blue button on each program page)

Review [admissions information](#), including requirements and deadlines.

Apply Now: Graduate
Application

Current GSE Students

Detailed Certificate Requirements

Currently enrolled graduate engineering students may apply to a graduate certificate program by using [our internal application form](#). All other applicants may use the [Apply Now: Graduate Application](#) link to apply.

Questions?

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